

**I. Materials Requested:**

- All IACUC Approved protocols from TAD and EPHD from Jan 1, 2017 - present
  - FOIA was submitted to EPA on 3/12/2018.
- Project Budgets for IACUC approved projects for TAD and EPHD from Jan 1, 2017- present
- Photos and videos of animals used in experiments by TAD and EPHD from Jan 1, 2017- present
- All adverse event reports and related correspondence regarding the use of animals from TAD and EPHD from Jan 1, 2017- present

**II. Response:**

- IACUC approved protocols have been collected and are being redacted.
- Budgets are being provided by Division Directors and Branch Chiefs
- There have been no adverse event reports to OLAW in this time frame.
- There are no photographs.
- There are video recordings.

**III. Video**

- There are 3 know types of video from 3 PIs in TAD or EPHD
  - ***Novel Object Recognition***
    - Rats, novel object recognition test
    - Rat is placed in an acrylic box with two plastic objects (varies), time rat spends exploring objects is observed and recorded. One object is replaced. Time spent investigating objects -- again observed and recorded.
    - 33.26 gigabytes of data exist and being used currently, e.g., for articles, validation. etc.
  - ***Heart Rate Studies***
    - Fish embryos in 96 well plates; heart rate is monitored and processed from video
    - 5.4 to 6.9 terabytes of data exist and being used currently, e.g., for articles, validation, etc.
  - ***Trace Fear Conditioning***

- Rats are placed in a test chamber and presented with a tone and a light. 30 seconds later the animal receives a 2 second, very low intensity electric shock from the grid floor. On Day 2 the animal is put back in the box, and only the tone and light are presented. Behavior on both days is monitored and recorded.
  - Changed behavior is usually characterized as the rat freezes in place
- Quantity of data is still being determined.
  - All recordings are from scientific instruments.
  - Recordings are used for data collection and verification.
  - Some recordings may be retained for QA purposes following publication. Retention length varies, and is often based on the predetermined QA-level of study.